

From: [LIVERMAN Alex](#)
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Subject: FW: Webinar on Sediment Trend Analysis (STA)
Date: 04/22/2011 01:56 PM
Attachments: [Webinar Abstract Liverman .pdf](#)

Colleagues:

This well-credentialed gentleman phoned me last month to offer a free webinar on this technique he has developed for looking at sediment transport. I checked out his website and it looks pretty interesting to me, esp. since modeling we typically see on transport is sketchy at best and can be fraught with errors and assumptions. Application of his technique may be useful in understanding contaminant movement and deposition/scour patterns.

I'm sure he is looking to drum up business, for instance from Cleanup project managers requiring this type of analysis from RPs or from Standards wanting the Lab to use it for developing sediment standards, etc. (area clients include Port of Portland, US Army Corps, WA Dept of Ecology). However, learning about it may also aid in reviewing dredging applications or other in-water work proposals submitted using the technique.

Let me know if you or your staff might find value in scheduling a webinar to learn more about this. Feel free to forward this to others you think could have interest, as I might not have considered all potential applications and programs.

Please try to get back to me one way or the other by the first week of May. Thanks.

--Alex

From: Patrick McLaren [mailto:pmclaren@sedtrend.com]
Sent: Tuesday, March 15, 2011 1:52 PM
To: LIVERMAN Alex
Subject: Webinar on Sediment Trend Analysis (STA)

Dear Alex,

Many thanks for your interest during our phone discussion! As I described, I specialize in a technique known as Sediment Trend Analysis (STA[®]). This approach uses the sediments themselves as the data required to understand the patterns of sediment movement and their dynamic behaviour in any sedimentary environment. It is particularly useful in establishing sources and behaviour of contaminants contained in the sediments, assessing erosion problems, dredging issues, and overall sediment management plans. The fundamental concept is that the risk of making either environmentally bad or expensive decisions will be greatly reduced by the environmental understanding provided by STA.

As we discussed, I would be pleased to provide a Webinar presentation to explain exactly what STA is and how it can be so useful in the management and remediation of any sedimentary environment. The Webinar itself will probably take less than one

hour depending on the length of the discussions.

Thank you for this opportunity, and please don't hesitate to invite any of your colleagues who might have an interest in sediment issues. The website below has several specific case studies that demonstrate how STA can be used to make sediment management decisions; and I have attached a short Abstract describing the essential points of the presentation.

With kind regards,

Patrick McLaren, Ph.D., P.Geo.,
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